

<b>SHEET 1</b> <b>LTPP TRAFFIC DATA</b> <b>SUMMARY TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ <u>89</u> ] *SHRP SECTION ID [ <u>1221</u> ]
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STATE OR PROVINCE Quebec COUNTY \_\_\_\_\_  
 HIGHWAY ROUTE NO. 40 MILEPOST# \_\_\_\_\_  
 NEAREST CITY/TOWN St. Maurice NEAREST INTERSECTION 8 Km E. of  
exit St. Maurice  
 FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
 DIRECTION OF TRAVEL GPS LANE EAST DATE OPENED TO TRAF. 09 - 84  
 FIPS COUNTY CODE \_\_\_\_\_ FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
 HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_  
 TYPE OF PAVEMENT: AC ✓ PCC \_\_\_\_\_ OTHER \_\_\_\_\_  
 CONTROL OF ACCESS: YES \_\_\_\_\_ NO ✓ MEDIAN: YES \_\_\_\_\_ NO \_\_\_\_\_  
 CURRENT SURROUNDING DEVELOPMENT:  
 URBAN \_\_\_\_\_ SUBURBAN \_\_\_\_\_ RURAL ✓  
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
 YES \_\_\_\_\_ NO ✓  
 IF YES, DESCRIBE CHANGES \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE  
 SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF  
 EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT  
 STATION RELATIVE TO THIS GPS TEST SECTION.

NAME OF PREPARER <u>Jean Laplante</u> DATE PREPARED <u>February 98</u>	PHONE # <u>418 646-9451</u>
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<b>SHEET 1</b> <b>LTPP TRAFFIC DATA</b> <b>SUMMARY TRANSMITTAL FORM</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ 89 ] *SHRP SECTION ID [ 1221 ]
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STATE OR PROVINCE Quebec COUNTY \_\_\_\_\_  
 HIGHWAY ROUTE NO. 40 MILEPOST# \_\_\_\_\_  
 NEAREST CITY/TOWN 7.5M E. of St-Maurice NEAREST INTERSECTION 5M E. of exit St-Maurice  
 FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4  
 DIRECTION OF TRAVEL GPS LANE EAST DATE OPENED TO TRAF. 09 - 84  
 FIPS COUNTY CODE \_\_\_\_\_ FHWA STATION IDENTIFICATION NO. \_\_\_\_\_  
 HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION NO. \_\_\_\_\_  
 TYPE OF PAVEMENT: AC ☒ PCC \_\_\_\_\_ OTHER \_\_\_\_\_  
 CONTROL OF ACCESS: YES \_\_\_\_\_ NO ☒ MEDIAN: YES ☒ NO \_\_\_\_\_  
 CURRENT SURROUNDING DEVELOPMENT:  
 URBAN \_\_\_\_\_ SUBURBAN \_\_\_\_\_ RURAL ☒  
 HAS INTENSITY OF ROADSIDE DEVELOPMENT INCREASED OVER PAST 10 YEARS?  
 YES \_\_\_\_\_ NO ☒  
 IF YES, DESCRIBE CHANGES \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NOTE: ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE**  
**SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF**  
**EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT**  
**STATION RELATIVE TO THIS GPS TEST SECTION.**

NAME OF PREPARER <u>Jean Laplante</u> DATE PREPARED <u>February 91</u>	PHONE # <u>418 646-9451</u>
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<b>SHEET 2</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUMES</b> <b>AND LOAD ESTIMATES</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ <u>89</u> ] *SHRP SECTION ID [ <u>1021</u> ]
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ENTERED FEB 26 1999

YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S / YR GPS LANE (1000's)
1989					
1988					
1987					
1986					
1985					
1984	<u>8293</u>	<u>1293</u>	<u>3732</u>	<u>537</u>	<u>255</u>
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER <u>S. MacDonald</u>	PHONE # <u>716 632-0804</u>
DATE PREPARED <u>24-FEB-1999</u>	

ENTERED SEP 13 2000

SHEET 1

LTPP TRAFFIC DATA

SUMMARY TRANSMITTAL FORM

\*STATE ASSIGNED ID [ ]

\*STATE CODE [89]

\*SHRP SECTION ID [A300]

1021

STATE OR PROVINCE Quebec COUNTY \_\_\_\_\_

HIGHWAY ROUTE NO. 40 MILEPOST# \_\_\_\_\_

NEAREST CITY/TOWN Trois Rivières NEAREST INTERSECTION Rte. 352

\*FUNCTIONAL CLASS 01 NO. LANES EACH DIRECTION 2 TOTAL NO. LANES 4

\*DIRECTION OF TRAVEL LTPP LANE E [N S E W]

\*DATE OPENED TO TRAFFIC 09-01-1984

FIPS COUNTY CODE \_\_\_\_\_ FHWA STATION IDENTIFICATION NO. \_\_\_\_\_

HPMS SAMPLE NO. \_\_\_\_\_ HPMS SUBDIVISION \_\_\_\_\_

\*TYPE OF PAVEMENT: 1- AC X 2- PCC \_\_\_\_\_ 3- OTHER \_\_\_\_\_

CONTROL OF ACCESS: YES \_\_\_\_\_ NO X MEDIAN: YES X NO \_\_\_\_\_

CURRENT (1990) SURROUNDING DEVELOPMENT:

URBAN \_\_\_\_\_ SUBURBAN \_\_\_\_\_ RURAL X

DID INTENSITY OF ROADSIDE DEVELOPMENT INCREASE BETWEEN 1980 AND 1990?

YES \_\_\_\_\_ NO X

IF YES, DESCRIBE CHANGES \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

NEW FUNCTIONAL CLASS: \_\_\_\_\_

DATE FUNCTIONAL CLASS CHANGED: \_\_\_\_\_

**NOTE:** ATTACH ALL RELATED FORMS AND COUNT DATA AND SUBMIT TO THE SHRP REGIONAL OFFICE. ATTACH MAP INDICATING THE LOCATION OF EACH TRAFFIC COUNT, VEHICLE CLASSIFICATION COUNT, OR WEIGHT STATION RELATIVE TO THIS LTPP SITE.

NAME OF PREPARER Ed Fillion

PHONE # 716-632-0804

DATE PREPARED Sept. 13/00

rev. February 28, 2000

<b>SHEET 2</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUMES</b> <b>AND LOAD ESTIMATES</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ 59 ] *SHRP SECTION ID [ 102 ]
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YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S / YR GPS LANE (1000's)
1990	11255	1753	4764	684	325
1989	10827		4870		
1988	10320		4644		
1987	9814		4416		
1986	9307		4188		
1985	8800		3960		
1984					
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<b>SHEET 2</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUMES</b> <b>AND LOAD ESTIMATES</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ 59 ] *SHRP SECTION ID [ 102 ]
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YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT GPS LANE	4. ESTIMATED TOTAL TRUCKS AADT GPS LANE	5. ESTIMATED ESAL'S/YR GPS LANE (1000's)
1990	11955	1753	4764	684	325
1989	10827	1686	4879	700	332
1988	10380	1607	4644	667	317
1987	9814	1529	4416	634	301
1986	9307	1450	4183	601	286
1985	8800	1371	3960	569	270
1984					
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

ENTERED AUG 30 2000

891021

**SHEET 2  
LTPP TRAFFIC DATA**

**TRAFFIC VOLUMES  
AND LOAD ESTIMATES**

\*STATE ASSIGNED ID

[ \_ \_ \_ \_ ]

\*STATE CODE

[ 89 ]

\*SHRP SECTION ID

[ A300 ]

*YEAR	1. ESTIMATED TOTAL VEHICLES AADT (TWO-WAY)	2. ESTIMATED TOTAL TRUCK AADT (TWO-WAY)	3. ESTIMATED TOTAL VEHICLES AADT LTPP LANE	*4. ESTIMATED TOTAL TRUCKS AADT LTPP LANE	*5. ESTIMATED ESALS/YEAR LTPP LANE (100'S)
1989 x	10827	1686	4872.	700	332
1988 x	10320	1607	4644	667	317
1987 x	9814	1529	4416	634	301
1986 x	9307	1450	4188	601	286
1985 x	8800	1371	3960	569	270
1984 x	8293	1293.	3732	537	255
1983					
1982					
1981					
1980					
1979					
1978					
1977					
1976					
1975					
1974					
1973					
1972					
1971					
1970					
1969					
1968					
1967					
1966					
1965					

NAME OF PREPARER Ed FillionDATE PREPARED Aug. 30/00PHONE # 716-632-0804

Rev. November 8, 1999

## SHEET 3

**LTPP TRAFFIC DATA  
PROCEDURES FOR ESTIMATING  
ANNUAL AVERAGE VOLUMES AND  
TOTAL ANNUAL ESALS**

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ \_ \_ ]

\*SHRP SECTION ID [1221]

1. Year Applicable 1985

## 2. METHOD FOR ESTIMATING AADT

- ☒ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

3. METHOD FOR ESTIMATING TRUCK  
VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☐ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

4. METHOD FOR ESTIMATING AADT  
BY GPS LANE

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☐ Other: \_\_\_\_\_

5. METHOD FOR ESTIMATING TRUCK AADT  
IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☐ Other: \_\_\_\_\_

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☐ Weight data from system averages this year.
- ☐ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: \_\_\_\_\_

## (B) Weight Scale Type

- ☐ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: \_\_\_\_\_

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_



<p><b>SHEET 3</b></p> <p><b>LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS</b></p>	<p>*STATE ASSIGNED ID [ _ _ _ _ ]</p> <p>*STATE CODE [ _ _ ]</p> <p>*SHRP SECTION ID [ <u>1221</u> ]</p>
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1. Year Applicable 1985

**2. METHOD FOR ESTIMATING AADT**

- ☒ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

**3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES**

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☐ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☒ Other: used car count data in 1991

**4. METHOD FOR ESTIMATING AADT BY GPS LANE**

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☐ Other: \_\_\_\_\_

**5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES**

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

**6. METHOD FOR ESTIMATING ESAL/VEHICLE**

- ☒ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

**7. ESAL ESTIMATES**

**(A) Source of Data**

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☐ Weight data from system averages this year.
- ☐ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☒ Other: 1990 - 1991

**(B) Weight Scale Type**

- ☐ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: \_\_\_\_\_

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

## SHEET 3

LTPP TRAFFIC DATA  
PROCEDURES FOR ESTIMATING  
ANNUAL AVERAGE VOLUMES AND  
TOTAL ANNUAL ESALS

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ 89 ]

\*SHRP SECTION ID [ 1021 ]

1. Year Applicable 1986

## 2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☒ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

3. METHOD FOR ESTIMATING TRUCK  
VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☐ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

4. METHOD FOR ESTIMATING AADT  
BY GPS LANE

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

5. METHOD FOR ESTIMATING TRUCK AADT  
IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☐ Other: \_\_\_\_\_

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☐ Weight data from system averages this year.
- ☐ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: \_\_\_\_\_

## (B) Weight Scale Type

- ☐ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: \_\_\_\_\_

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

## SHEET 3

# LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ 38 ]

\*SHRP SECTION ID [ 102 ]

1. Year Applicable 1987

## 2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☒ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☐ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☐ Other: \_\_\_\_\_

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☐ Weight data from system averages this year.
- ☐ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: \_\_\_\_\_

## (B) Weight Scale Type

- ☐ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: \_\_\_\_\_

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

## SHEET 3

# LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ 89 ]

\*SHRP SECTION ID [ L 021 ]

1. Year Applicable 1986-87

## 2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☒ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☐ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☒ Other: Used 1990 data for

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.
- ☒ System distribution factors.
- ☐ Other: \_\_\_\_\_

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☐ Weight data from system averages this year.
- ☐ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☒ Other: average in 1990

## (B) Weight Scale Type

- ☐ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: \_\_\_\_\_

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

## SHEET 3

LTPP TRAFFIC DATA  
PROCEDURES FOR ESTIMATING  
ANNUAL AVERAGE VOLUMES AND  
TOTAL ANNUAL ESALS

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ 39 ]

\*SHRP SECTION ID [ 1221 ]

1. Year Applicable 1988

## 2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.
- ☒ Averaged multiple counts taken this year at the GPS site.
- ☐ Averaged and factored multiple counts taken this year at the GPS site.
- ☐ Growth factored last year's estimate.
- ☐ Estimated based on volume counts at nearby locations.
- ☐ Used flow maps.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

3. METHOD FOR ESTIMATING TRUCK  
VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.
- ☐ Factored a single count taken this year at the GPS site.
- ☐ Averaged multiple counts taken this year at the GPS site.
- ☐ Used system averages from counts taken this year.
- ☐ Used count data from nearby sites.
- ☐ Used count data taken in earlier years at the GPS site.
- ☐ Used system averages taken in earlier years at the GPS site.
- ☐ Used computerized network analyses.
- ☐ Other: \_\_\_\_\_

4. METHOD FOR ESTIMATING AADT  
BY GPS LANE

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☐ Other: \_\_\_\_\_

5. METHOD FOR ESTIMATING TRUCK AADT  
IN GPS LANES

- ☐ Based on actual lane count data.
- ☐ System distribution factors.
- ☐ Other: \_\_\_\_\_

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.
- ☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_
- ☐ Other: \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.
- ☐ Weight data collected at GPS site prior years.
- ☐ Weight data from system averages this year.
- ☐ Weight data from system averages prior years.
- ☐ Weight data from historic W-4 Tables used.
- ☐ Other: \_\_\_\_\_

## (B) Weight Scale Type

- ☐ WIM scale.
- ☐ Static scale used for enforcement.
- ☐ Static scale not used for enforcement.
- ☐ Other: \_\_\_\_\_

NAME OF PREPARER \_\_\_\_\_

PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

<b>SHEET 3</b>  <b>LTPP TRAFFIC DATA</b> <b>PROCEDURES FOR ESTIMATING</b> <b>ANNUAL AVERAGE VOLUMES AND</b> <b>TOTAL ANNUAL ESALS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]  *STATE CODE <u>189</u>  *SHRP SECTION ID <u>1021</u>
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1. Year Applicable 1988

**2. METHOD FOR ESTIMATING AADT**

- ☐ Factored a single count taken this year at the GPS site.  
☒ Averaged multiple counts taken this year at the GPS site.  
☐ Averaged and factored multiple counts taken this year at the GPS site.  
☐ Growth factored last year's estimate.  
☐ Estimated based on volume counts at nearby locations.  
☐ Used flow maps.  
☐ Used computerized network analyses.  
☐ Other: \_\_\_\_\_

**3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES**

- ☐ Used a single count taken this year at the GPS site.  
☐ Factored a single count taken this year at the GPS site.  
☐ Averaged multiple counts taken this year at the GPS site.  
☐ Used system averages from counts taken this year.  
☐ Used count data from nearby sites.  
☐ Used count data taken in earlier years at the GPS site.  
☐ Used system averages taken in earlier years at the GPS site.  
☐ Used computerized network analyses.  
☒ Other: Used 1991 data from Tera  
1991

**4. METHOD FOR ESTIMATING AADT BY GPS LANE**

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other: \_\_\_\_\_

**5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES**

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other: \_\_\_\_\_

**6. METHOD FOR ESTIMATING ESAL/VEHICLE**

- ☒ ESAL/Truck.  
☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_  
☐ Other: \_\_\_\_\_

**7. ESAL ESTIMATES**

**(A) Source of Data**

- ☐ Weight data collected at GPS site this year.  
☐ Weight data collected at GPS site prior years.  
☐ Weight data from system averages this year.  
☐ Weight data from system averages prior years.  
☐ Weight data from historic W-4 Tables used.  
☒ Other: Weight data from 1990

**(B) Weight Scale Type**

- ☐ WIM scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other: \_\_\_\_\_

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

## SHEET 3

# LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ 89 ]

\*SHRP SECTION ID [ 1021 ]

1. Year Applicable 1989

## 2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.  
☐ Averaged multiple counts taken this year at the GPS site.  
☐ Averaged and factored multiple counts taken this year at the GPS site.  
☒ Growth factored last year's estimate.  
☐ Estimated based on volume counts at nearby locations.  
☐ Used flow maps.  
☐ Used computerized network analyses.  
☐ Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.  
☐ Factored a single count taken this year at the GPS site.  
☐ Averaged multiple counts taken this year at the GPS site.  
☐ Used system averages from counts taken this year.  
☐ Used count data from nearby sites.  
☐ Used count data taken in earlier years at the GPS site.  
☐ Used system averages taken in earlier years at the GPS site.  
☐ Used computerized network analyses.  
☐ Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.  
☐ System distribution factors.  
☐ Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.  
☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_  
☐ Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.  
☐ Weight data collected at GPS site prior years.  
☐ Weight data from system averages this year.  
☐ Weight data from system averages prior years.  
☐ Weight data from historic W-4 Tables used.  
☐ Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## (B) Weight Scale Type

- ☐ WIM scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

NAME OF PREPARER \_\_\_\_\_

PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

## SHEET 3

# LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ 89 ]

\*SHRP SECTION ID [ 1021 ]

1. Year Applicable 1989

## 2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.  
☐ Averaged multiple counts taken this year at the GPS site.  
☐ Averaged and factored multiple counts taken this year at the GPS site.  
☒ Growth factored last year's estimate.  
☐ Estimated based on volume counts at nearby locations.  
☐ Used flow maps.  
☐ Used computerized network analyses.  
☐ Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☐ Used a single count taken this year at the GPS site.  
☐ Factored a single count taken this year at the GPS site.  
☐ Averaged multiple counts taken this year at the GPS site.  
☐ Used system averages from counts taken this year.  
☐ Used count data from nearby sites.  
☐ Used count data taken in earlier years at the GPS site.  
☐ Used system averages taken in earlier years at the GPS site.  
☐ Used computerized network analyses.  
☒ Other: Used count data from nearby sites  
1989  
 \_\_\_\_\_  
 \_\_\_\_\_

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck.  
☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_  
☐ Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.  
☐ Weight data collected at GPS site prior years.  
☐ Weight data from system averages this year.  
☐ Weight data from system averages prior years.  
☐ Weight data from historic W-4 Tables used.  
☒ Other: Weight data from system averages prior years  
1990  
 \_\_\_\_\_  
 \_\_\_\_\_

## (B) Weight Scale Type

- ☐ WIM scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

NAME OF PREPARER \_\_\_\_\_ PHONE # \_\_\_\_\_  
 DATE PREPARED \_\_\_\_\_



## SHEET 3

# LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

\*STATE ASSIGNED ID [ ]

\*STATE CODE

89

\*SHRP SECTION ID

170211

1. Year Applicable 1990

## 2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.  
☐ Averaged multiple counts taken this year at the GPS site.  
☐ Averaged and factored multiple counts taken this year at the GPS site.  
☒ Growth factored last year's estimate.  
☐ Estimated based on volume counts at nearby locations.  
☐ Used flow maps.  
☐ Used computerized network analyses.  
☐ Other: \_\_\_\_\_

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☒ Used a single count taken this year at the GPS site.  
☐ Factored a single count taken this year at the GPS site.  
☐ Averaged multiple counts taken this year at the GPS site.  
☐ Used system averages from counts taken this year.  
☐ Used count data from nearby sites.  
☐ Used count data taken in earlier years at the GPS site.  
☐ Used system averages taken in earlier years at the GPS site.  
☐ Used computerized network analyses.  
☐ Other: \_\_\_\_\_

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other: \_\_\_\_\_

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other: \_\_\_\_\_

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☐ ESAL/Truck.  
☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_  
☐ Other: \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.  
☐ Weight data collected at GPS site prior years.  
☒ Weight data from system averages this year.  
☐ Weight data from system averages prior years.  
☐ Weight data from historic W-4 Tables used.  
☐ Other: \_\_\_\_\_

## (B) Weight Scale Type

- ☐ WIM scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other: \_\_\_\_\_

NAME OF PREPARER \_\_\_\_\_

PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

## SHEET 3

# LTPP TRAFFIC DATA PROCEDURES FOR ESTIMATING ANNUAL AVERAGE VOLUMES AND TOTAL ANNUAL ESALS

\*STATE ASSIGNED ID [ \_ \_ \_ \_ ]

\*STATE CODE [ 89 ]

\*SHRP SECTION ID [ L02 ]

1. Year Applicable 1990

## 2. METHOD FOR ESTIMATING AADT

- ☐ Factored a single count taken this year at the GPS site.  
☐ Averaged multiple counts taken this year at the GPS site.  
☐ Averaged and factored multiple counts taken this year at the GPS site.  
☒ Growth factored last year's estimate.  
☐ Estimated based on volume counts at nearby locations.  
☐ Used flow maps.  
☐ Used computerized network analyses.  
☐ Other: \_\_\_\_\_

## 3. METHOD FOR ESTIMATING TRUCK VOLUMES OR PERCENTAGES

- ☒ Used a single count taken this year at the GPS site.  
☐ Factored a single count taken this year at the GPS site.  
☐ Averaged multiple counts taken this year at the GPS site.  
☐ Used system averages from counts taken this year.  
☐ Used count data from nearby sites.  
☐ Used count data taken in earlier years at the GPS site.  
☐ Used system averages taken in earlier years at the GPS site.  
☐ Used computerized network analyses.  
☐ Other: \_\_\_\_\_

## 4. METHOD FOR ESTIMATING AADT BY GPS LANE

- ☒ Based on actual lane count data.  
☐ System distribution factors.  
☐ Other: \_\_\_\_\_

## 5. METHOD FOR ESTIMATING TRUCK AADT IN GPS LANES

- ☐ Based on actual lane count data.  
☒ System distribution factors.  
☐ Other: \_\_\_\_\_

## 6. METHOD FOR ESTIMATING ESAL/VEHICLE

- ☒ ESAL/Truck.  
☐ ESAL/Vehicle class. (no. of classes) \_\_\_\_\_  
☐ Other: \_\_\_\_\_

## 7. ESAL ESTIMATES

## (A) Source of Data

- ☐ Weight data collected at GPS site this year.  
☐ Weight data collected at GPS site prior years.  
☒ Weight data from system averages this year.  
☐ Weight data from system averages prior years.  
☐ Weight data from historic W-4 Tables used.  
☐ Other: \_\_\_\_\_

## (B) Weight Scale Type

- ☐ WIM scale.  
☐ Static scale used for enforcement.  
☐ Static scale not used for enforcement.  
☐ Other: \_\_\_\_\_

N/A - see sheet 10

NAME OF PREPARER \_\_\_\_\_

PHONE # \_\_\_\_\_

DATE PREPARED \_\_\_\_\_

<b>SHEET 4</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE <u>1591</u> *SHRP SECTION ID <u>1L0211</u>
--	---

HIGHWAY ROUTE NO. (THIS COUNT) 40  
 MILEPOST# OR LOCATION (THIS COUNT) \_\_\_\_\_  
 BEGINNING DATE 10/15/85 ENDING DATE 10/16/85  
 BEGINNING TIME \_\_\_\_\_ ENDING TIME \_\_\_\_\_  
 COUNT DURATION 2 [ ] HOURS [✓] DAYS [ ] MONTHS  
 TYPE OF COUNTER \_\_\_\_\_ NAME/MODEL # Stevens  
 TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY \_\_\_\_\_ GPS TEST LANE ONLY \_\_\_\_\_

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)	18117	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	.5	
B. AXLE CORRECTION FACTOR	.-----	
C. DAY OF WEEK FACTOR	.-----	
D. MONTH FACTOR	.971	
E. OTHER FACTOR (_____)	.-----	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	8800	
4. DIRECTIONAL DISTRIBUTION FACTOR	.5	
5. GPS LANE DISTRIBUTION FACTOR	.9	
6. AADT GPS LANE	3960	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<b>SHEET 4</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ 59 ]
	*SHRP SECTION ID [ L 0 2 1 ]

HIGHWAY ROUTE NO. (THIS COUNT) 40

MILEPOST# OR LOCATION (THIS COUNT) \_\_\_\_\_

BEGINNING DATE 10/15/85 ENDING DATE 10/17/85

BEGINNING TIME 0:00 ENDING TIME 0:00

COUNT DURATION 2 [ ] HOURS [ ☒ ] DAYS [ ] MONTHS

TYPE OF COUNTER 1.655 NAME/MODEL # stevens

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY \_\_\_\_\_ GPS TEST LANE ONLY \_\_\_\_\_

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>18117</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>.5</u>
B. AXLE CORRECTION FACTOR		<u>----</u>
C. DAY OF WEEK FACTOR		<u>----</u>
D. MONTH FACTOR		<u>.971</u>
E. OTHER FACTOR ( _____ )		<u>----</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>8800</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>.5</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>.9</u>
6. AADT GPS LANE		<u>3960</u>

**NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.**

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<b>SHEET 4</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ 89 ] *SHRP SECTION ID [ 1021 ]
--	---

HIGHWAY ROUTE NO. (THIS COUNT) 40

MILEPOST# OR LOCATION (THIS COUNT) \_\_\_\_\_

BEGINNING DATE 08/9/88 ENDING DATE 08/10/88

BEGINNING TIME \_\_\_\_\_ ENDING TIME \_\_\_\_\_

COUNT DURATION 2 [ ] HOURS [ 4 ] DAYS [ ] MONTHS

TYPE OF COUNTER \_\_\_\_\_ NAME/MODEL # Stevens

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY \_\_\_\_\_ GPS TEST LANE ONLY \_\_\_\_\_

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>24193</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>.5</u>	
B. AXLE CORRECTION FACTOR	<u>---</u>	
C. DAY OF WEEK FACTOR	<u>---</u>	
D. MONTH FACTOR	<u>.853</u>	
E. OTHER FACTOR ( _____ )	<u>---</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>10320</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>.5</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>.9</u>	
6. AADT GPS LANE	<u>4644</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<b>SHEET 4</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ]
	*STATE CODE [ 89 ]
	*SHRP SECTION ID [ L021 ]

HIGHWAY ROUTE NO. (THIS COUNT) 40

MILEPOST# OR LOCATION (THIS COUNT) \_\_\_\_\_

BEGINNING DATE 08/9/88 ENDING DATE 08/11/88

BEGINNING TIME 0:00 ENDING TIME 0:00

COUNT DURATION 2 [ ] HOURS [ 4 ] DAYS [ ] MONTHS

TYPE OF COUNTER tubac NAME/MODEL # Stevens

TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY \_\_\_\_\_ GPS TEST LANE ONLY \_\_\_\_\_

ITEM	ACTUAL COUNTS	UNITS
1. TOTAL NO. OF VEHICLES (RAW COUNT)	<u>24193</u>	
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT	<u>.5</u>	
B. AXLE CORRECTION FACTOR	<u>----</u>	
C. DAY OF WEEK FACTOR	<u>----</u>	
D. MONTH FACTOR	<u>.853</u>	
E. OTHER FACTOR (_____)	<u>----</u>	
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)	<u>10320</u>	
4. DIRECTIONAL DISTRIBUTION FACTOR	<u>.5</u>	
5. GPS LANE DISTRIBUTION FACTOR	<u>.9</u>	
6. AADT GPS LANE	<u>4644</u>	

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<b>SHEET 4</b>  <b>LTPP TRAFFIC DATA</b>  <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ 89 ] *SHRP SECTION ID [ 102 ]
--	--

HIGHWAY ROUTE NO. (THIS COUNT) 40  
 MILEPOST# OR LOCATION (THIS COUNT) \_\_\_\_\_  
 BEGINNING DATE 11/8/88 ENDING DATE 11/8/88  
 BEGINNING TIME \_\_\_\_\_ ENDING TIME \_\_\_\_\_  
 COUNT DURATION 2 [ ] HOURS [ 4 ] DAYS [ ] MONTHS  
 TYPE OF COUNTER \_\_\_\_\_ NAME/MODEL # Stevens  
 TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY \_\_\_\_\_ GPS TEST LANE ONLY \_\_\_\_\_

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>18614</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>.5</u>
B. AXLE CORRECTION FACTOR		<u>---</u>
C. DAY OF WEEK FACTOR		<u>---</u>
D. MONTH FACTOR		<u>1.105</u>
E. OTHER FACTOR ( _____ )		<u>---</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>10390</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>.5</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>.9</u>
6. AADT GPS LANE		<u>4644</u>

NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<b>SHEET 4</b> <b>LTPP TRAFFIC DATA</b> <b>TRAFFIC VOLUME COUNTS</b>	*STATE ASSIGNED ID [ _ _ _ _ ] *STATE CODE [ 89 ] *SHRP SECTION ID [ 1021 ]
--	---

HIGHWAY ROUTE NO. (THIS COUNT) 40  
 MILEPOST# OR LOCATION (THIS COUNT) \_\_\_\_\_  
 BEGINNING DATE 11/8/88 ENDING DATE 11/10/88  
 BEGINNING TIME 2:00 ENDING TIME 2:00  
 COUNT DURATION 2 [ ] HOURS [ 4 ] DAYS [ ] MONTHS  
 TYPE OF COUNTER tubes NAME/MODEL # stevens  
 TYPE OF COUNT: TWO-WAY ☒ ONE DIRECTION ONLY \_\_\_\_\_ GPS TEST LANE ONLY \_\_\_\_\_

<u>ITEM</u>	<u>ACTUAL COUNTS</u>	<u>UNITS</u>
1. TOTAL NO. OF VEHICLES (RAW COUNT)		<u>18674</u>
2. ADJUSTMENT FACTORS (FILL IN AS APPLICABLE):		
A. ADJUSTMENT TO 24-HOUR COUNT		<u>.5</u>
B. AXLE CORRECTION FACTOR		<u>----</u>
C. DAY OF WEEK FACTOR		<u>----</u>
D. MONTH FACTOR		<u>1.105</u>
E. OTHER FACTOR ( _____ )		<u>----</u>
3. ANNUAL AVERAGE DAILY TRAFFIC (AADT) (TWO-WAY)		<u>10390</u>
4. DIRECTIONAL DISTRIBUTION FACTOR		<u>.5</u>
5. GPS LANE DISTRIBUTION FACTOR		<u>.9</u>
6. AADT GPS LANE		<u>4644</u>

**NOTE: COMPLETE ONE SHEET FOR EACH COUNTING SESSION.**

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	



<b>SHEET 5</b>  <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID [ _____ ]  *STATE CODE [ <u>89</u> ]  *SHRP SECTION ID [ <u>1021</u> ]
---	---

HIGHWAY RT. NO. (THIS COUNT) 40 MILEPOST# (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) ST-Maurice FUNCTIONAL CLASS 1

BEGINNING DATE January 16 91 ENDING DATE January 17 91

BEGINNING TIME 12:00 ENDING TIME 12:00 DURATION (HRS) 24

TYPE OF COUNT: MANUAL ☒ AUTOMATED \_\_\_\_\_ NO. OF LANES COUNTED 4

TYPE OF EQUIP.: AVC PERM. \_\_\_\_\_ AVC PORT. \_\_\_\_\_ WIM PERM. \_\_\_\_\_ WIM PORT. \_\_\_\_\_

EQUIPMENT NAME / MODEL # \_\_\_\_\_

TOTAL NO. OF VEHICLES CLASSIFIED 7880 # TRUCKS 1227 % TRUCKS 15.57

NO. OF TRUCKS IN GPS LANE 532 % OF TRUCKS IN GPS LANE 14.35

VEHICLE CLASSIFICATION METHOD: FHWA \_\_\_\_\_ OTHER ☒ # BINS \_\_\_\_\_

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	_____	_____
2. FHWA CLASS 4 (Buses)	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	_____	_____
12. OTHER VEHICLES	_____	_____	_____
<b>GRAND TOTAL</b>	_____	_____	_____

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<b>SHEET 5</b>  <b>LTPP TRAFFIC DATA</b>  <b>VEHICLE CLASSIFICATION DATA</b> <b>FHWA 13-CLASS SYSTEM</b>	*STATE ASSIGNED ID [ _____ ]  *STATE CODE [ <u>89</u> ]  *SHRP SECTION ID [ <u>1021</u> ]
---	---

HIGHWAY RT. NO. (THIS COUNT) 40 MILEPOST# (THIS COUNT) \_\_\_\_\_

LOCATION (THIS COUNT) ST-Maurice FUNCTIONAL CLASS 1  
 BEGINNING DATE January 16 91 ENDING DATE January 17 91  
 BEGINNING TIME 12:00 ENDING TIME 12:00 DURATION (HRS) 24

TYPE OF COUNT: MANUAL ☒ AUTOMATED \_\_\_\_\_ NO. OF LANES COUNTED 4

TYPE OF EQUIP.: AVC PERM. \_\_\_\_\_ AVC PORT. \_\_\_\_\_ WIM PERM. \_\_\_\_\_ WIM PORT. \_\_\_\_\_

EQUIPMENT NAME / MODEL # \_\_\_\_\_

TOTAL NO. OF VEHICLES CLASSIFIED 7880 # TRUCKS 1207 % TRUCKS 15.57

NO. OF TRUCKS IN GPS LANE 532 % OF TRUCKS IN GPS LANE 43%

VEHICLE CLASSIFICATION METHOD: FHWA \_\_\_\_\_ OTHER ☒ # BINS 15

NOTE: IF THIS COUNT DOES NOT USE THE FHWA 13-BIN CLASSIFICATION SYSTEM USE SHEET 6. PLEASE DESCRIBE ON AN ATTACHED PAGE THE VEHICLE CLASSIFICATION SYSTEM USED BY THE AGENCY AND COMPLETE SHEET 7 DESCRIBING HOW THE SHA WOULD EXPAND OR COLLAPSE THE USER CLASSIFICATION SYSTEM TO CORRESPOND WITH THE FHWA 13 CLASSES.

VEHICLE CLASSES	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
1. FHWA CLASSES 1-3 (Cars, Motorcycles, Vans)	_____	_____	_____
2. FHWA CLASS 4 (Buses)	_____	_____	_____
3. FHWA CLASS 5 (Two Axle, 6-Tire, SU Truck)	_____	_____	_____
4. FHWA CLASS 6 (3 AXLE SU TRUCK)	_____	_____	_____
5. FHWA CLASS 7 (4 or more Axle SU Truck)	_____	_____	_____
6. FHWA CLASS 8 (4 or less axle 1-Trlr.Truck)	_____	_____	_____
7. FHWA CLASS 9 (5 Axle, 1-Trlr.Truck)	_____	_____	_____
8. FHWA CLASS 10 (6 or more Axle, 1-Trlr.Truck)	_____	_____	_____
9. FHWA CLASS 11 (5 or less Axle, Multi-Trlr.Truck)	_____	_____	_____
10. FHWA CLASS 12 (6 Axle, Multi-Trlr.Truck)	_____	_____	_____
11. FHWA CLASS 13 (7 or more Axle, Multi-Trlr.Truck)	_____	_____	_____
12. OTHER VEHICLES	_____	_____	_____
<b>GRAND TOTAL</b>	_____	_____	_____

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<b>SHEET 6</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION DATA</b> <b>AGENCY DEFINED CLASSES</b>	*STATE ASSIGNED ID [ _____ ] *STATE CODE <u>129</u> *SHRP SECTION ID <u>11081</u>
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS

HIGHWAY ROUTE NO. (THIS COUNT) 40 MILEPOST # (THIS COUNT) \_\_\_\_\_  
 BEGINNING DATE 16/1/91 ENDING DATE 17/1/91  
 BEGINNING TIME 18:00 ENDING TIME 18:00 DURATION (HRS) 24

VEHICLE CLASSES (DESCRIBE VEHICLE TYPES IN EACH CLASS OR AXLE SPACING CATEGORY)	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
A. Cars, cargo trailer	6653	3521	3114
B. <sup>motor</sup> buses	32	13	12
C. Unit 2 axes	233	129	116
D. " 3 axes	60	21	24
E. " 4 axes	8	2	2
F. 2 units 3 axes	0	0	0
G. " 4 axes	20	9	8
H. " 5 axes	534	264	238
I. " 6+ axes	299	125	113
J. 3 units 5 axes	1	0	0
K. " 6 axes	2	1	1
L. " 7 axes	3	0	0
M. " 8 axes	30	17	15
N. " 9+ axes	4	2	2
O. other vehicle	1	1	1
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL 7680 4117 3106

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<b>SHEET 6</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION DATA</b> <b>AGENCY DEFINED CLASSES</b>	*STATE ASSIGNED ID [ _____ ] *STATE CODE [ <u>89</u> ] *SHRP SECTION ID [ <u>11021</u> ]
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FOR 4-BIN OR OTHER CLASSIFICATION SYSTEMS  
 HIGHWAY ROUTE NO. (THIS COUNT) 40 MILEPOST # (THIS COUNT) \_\_\_\_\_  
 BEGINNING DATE 16/1/91 ENDING DATE 12/1/91  
 BEGINNING TIME 12:00 ENDING TIME 12:00 DURATION (HRS) 24

VEHICLE CLASSES (DESCRIBE VEHICLE TYPES IN EACH CLASS OR AXLE SPACING CATEGORY)	TOTAL NUMBER OF VEHICLES TWO-WAY	TOTAL NUMBER OF VEHICLES GPS DIRECTION	TOTAL NUMBER OF VEHICLES GPS LANE
A. <u>Cars, coupe, sedan</u>	<u>6653</u>	<u>3501</u>	<u>3114</u>
B. <u>trucks</u>	<u>32</u>	<u>13</u>	<u>12</u>
C. <u>unit 2 axes</u>	<u>233</u>	<u>129</u>	<u>116</u>
D. <u>" 3 axes</u>	<u>60</u>	<u>21</u>	<u>24</u>
E. <u>" 4 axes</u>	<u>8</u>	<u>2</u>	<u>2</u>
F. <u>2 units 3 axes</u>	<u>0</u>	<u>0</u>	<u>0</u>
G. <u>" 4 axes</u>	<u>20</u>	<u>9</u>	<u>8</u>
H. <u>" 5 axes</u>	<u>534</u>	<u>264</u>	<u>238</u>
I. <u>" 6+ axes</u>	<u>299</u>	<u>125</u>	<u>113</u>
J. <u>3 units 5 axes</u>	<u>1</u>	<u>0</u>	<u>0</u>
K. <u>" 6 axes</u>	<u>2</u>	<u>1</u>	<u>1</u>
L. <u>" 7 axes</u>	<u>3</u>	<u>0</u>	<u>0</u>
M. <u>" 8 axes</u>	<u>30</u>	<u>17</u>	<u>15</u>
N. <u>" 9+ axes</u>	<u>4</u>	<u>2</u>	<u>2</u>
O. <u>other vehicle</u>	<u>1</u>	<u>1</u>	<u>1</u>
P. _____	_____	_____	_____
Q. _____	_____	_____	_____
R. _____	_____	_____	_____
S. _____	_____	_____	_____
T. _____	_____	_____	_____

GRAND TOTAL 1680 4117 3106

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<b>SHEET 7</b> <b>LTPP TRAFFIC DATA</b> <b>VEHICLE CLASSIFICATION</b> <b>CONVERSION CHART</b>	*STATE ASSIGNED ID [ _____ ] *STATE CODE [ <u>69</u> ] *SHRP SECTION ID [ <u>1021</u> ]
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FOR 4-BIN, 6-BIN, OR OTHER NON FHWA CLASSIFICATION SYSTEMS

USE THIS SHEET TO DESCRIBE HOW THE AGENCY'S CLASSIFICATION SYSTEM CAN BE CONVERTED TO THE FHWA 13-CLASSES. ENTER PERCENTAGE OF TOTAL SHA CLASS DISTRIBUTED TO EACH FHWA CLASS. APPLICABLE PERIOD FROM \_\_\_\_\_ TO \_\_\_\_\_

SHA CLASS	FHWA CLASSES												TOTAL
	1-3	4	5	6	7	8	9	10	11	12	13	OTHER	
A	100												
B	100												
C	100												
D		100											
E			100										
F				100									
G				100									
H					100								
I						100							
J							100						
K								100					
L									100				
M									100				
N									100				
O										100			
P													
Q													
R													
S													
T													
TOTAL													

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

<p><b>SHEET 7</b></p> <p><b>LTPP TRAFFIC DATA</b></p> <p><b>VEHICLE CLASSIFICATION CONVERSION CHART</b></p>	<p>*STATE ASSIGNED ID [ _____ ]</p> <p>*STATE CODE [ <u>69</u> ]</p> <p>*SHRP SECTION ID [ <u>1021</u> ]</p>
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**FOR 4-BIN, 6-BIN, OR OTHER NON FHWA CLASSIFICATION SYSTEMS**

USE THIS SHEET TO DESCRIBE HOW THE AGENCY'S CLASSIFICATION SYSTEM CAN BE CONVERTED TO THE FHWA 13-CLASSES. ENTER PERCENTAGE OF TOTAL SHA CLASS DISTRIBUTED TO EACH FHWA CLASS. APPLICABLE PERIOD FROM \_\_\_\_\_ TO \_\_\_\_\_

FHWA CLASSES													
SHA CLASS	1-3	4	5	6	7	8	9	10	11	12	13	OTHER	TOTAL
A	100												
B	100												
C	100												
D		100											
E			100										
F				100									
G				100									
H					100								
I						100							
J							100						
K								100					
L									100				
M									100				
N									100				
O										100			
P													
Q													
R													
S													
T													
TOTAL													

NAME OF PREPARER _____	PHONE # _____
DATE PREPARED _____	

SHEET 14  
LTPP TRAFFIC DATA

EQUIPMENT INSTALLATION LOG

STATE ASSIGNED ID [ ]

STATE CODE [89]

SHRP SECTION ID [1021]

LOCATION ST-MAURICE

DATE OF INSTALLATION \_\_\_\_\_

	TYPE	BRAND NAME	SERIAL NUMBER
Control Unit(s) and peripheral equipment			
Control Unit			
Interface	1060 P	IRD	9103-
Modem	14400	BVC	
Loop Amplifiers			
Other _____			
Sensor(s) / Platform(s)			
GPS Lane Sensor			
Sensor Next Adjacent Lane (1)	2 MEZOS		
Sensor Next Adjacent Lane (2)			
Sensor Next Adjacent Lane (3)			
Diagonal Sensor			
Offscale Sensor			
Right Platform			
Left Platform			
Other _____			
Software			
Complete Package			
Axle Spacing Algorithm Only	IRD V47.3.2		
Other _____			
Loops			
Upstream - Lane 1	1 LOOP 6X6		
Downstream - Lane 1			
Upstream - Other Lanes			
Downstream - Other Lanes			